

PATENT


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: BARAN

In re Application of:)
RALPH BARAN & FERDINAND DIETZ)
Filed: Simultaneously Herewith)
For: PROCESSING MACHINE)

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Express Mail mailing label number: EL 989473919 US
Date of Deposit: September 24, 2003
I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450".
ANTONELLA FUSILLO [Name of person mailing paper or fee]
 [Signature]

S I R:

In accordance with 37 C.F.R. 1.56, applicant wishes to call the attention of the Examiner to the following references A) to G). Applicant does not admit that any of the cited documents constitutes prior art against the pending application.

	Country:	Patent or Appl. No:	Patentee or Applicant:	Issue or Filing Date:
A)	USA	US 4 977 510	Winzens et al.	12-11-1990
B)	USA	US 5 240 358	Hackett et al.	08-31-1993
C)	Germany	DE 100 17 014 A1	Zentrum Fertig.	10-18-2001
D)	Germany	DE 32 14 233 C2	Asea Brown Boveri	10-20-1983
E)	Germany	DE 34 08 352 C2	GTE Valeron	09-19-1985
F)	Germany	DE 42 15 723 A1	Walter Dittel	11-18-1993
G)	Germany	DE 197 17 835 A1	Gebr. Heller	10-29-1998

Copies of these references are submitted herewith along with form PTO-1449. The Examiner is requested to initial the attached form PTO-1449 and to return a copy of the initialed document to the undersigned as an indication that the attached references have been considered and made of record.

☒ [X] This Information Disclosure Statement is filed within three months of the filing date of a national application other than a continued prosecution application under 1.53(d), so that no fee under 37 C.F.R. §1.97 is due.

☐ [] This Information Disclosure Statement is filed within three months of the date of entry of the national stage as set forth in 1.491 in an international application, so that no fee under 37 C.F.R. §1.97 is due.

☐ [] This Information Disclosure Statement is filed before the mailing of a first Office Action on the merits, so that no fee under 37 C.F.R. §1.97 is due.

☐ [] This Information Disclosure Statement is filed before the mailing of a first Office Action after the filing of a request for continued examination under §1.114, so that no fee under 37 C.F.R. §1.97 is due.

☐ This Information Disclosure Statement is filed after the issuance of a first office but before issuance of a final action under §1.113, or a notice of allowance under §1.311.

☐ This Information Disclosure Statement is submitted after the mailing of a final action or a notice of allowance, but before payment of the issue fee.

☐ The undersigned submits the following statement requesting consideration of this statement:

The undersigned hereby states:

☐ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement;

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the statement after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

☐ The fee of \$180.00 set forth in 1.17(p).

☐ The Commissioner is hereby authorized to charge the fee as set forth in 1.17(p), and any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

[X] The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

In addition, applicant notes with respect to any information that is not in English language as follows:

Reference C) describes a device for balancing rotating articles, especially in installations for processing for boring and milling works, including at least one actuator that can be mounted on the rotating article at a radial distance to the rotating axis thereof and at an axial distance to the free end thereof. The actuator is actuated to perform axial adjusting movements depending on a measured balance error so as to adjust a balancing curvature of the article.

Reference D) describes a converter apparatus for forming a double converter for speed control of DC machines. The cooler for switching an apparatus of compact construction is designed at the same time as the housing (8). Each of the converter modules (M1...) has two converter valves (V11..., V21...), preferably thyristors, and make thermal contact with the housing (8) via the electrically floating base plates. The connections (A1..., K1..., B1...) of the modules are freely accessible on the top of the modules (M1...), and connected via screw connections (7) to a copper-coated printed-circuit board (1). The conductor tracks on the printed-circuit board (1) electrically connect the individual converter valves to one another in order to form the converter circuit, and for connection to external main connections (AK1, AK2, Am1, Km1) and run without crossing in a geometrically identical manner on both sides of the printed-circuit board (1).

Reference E) describes a rotating tool head provided with a tool and intended for a numerically controlled machine tool. A pressurized hydraulic medium is admitted to a tool slide carrying the tool and a counter-slide used for balancing by a separate hydraulic control circuit for adjusting the tool or for adjusting the balancing. Allocated to the tool slide is a displacement transducer, the displacement signals of which are used for producing control signals for the admission of pressure to the tool slide in order to adjust the tool during the machining operation in accordance with a desired contour of the workpiece. The admission of pressure to the counter-slide is controlled via a separate control circuit, the control signals required for this being produced as a function of the signals of a sensor for detecting unbalance of the tool head.

Reference F) describes a method and device for controlling a grinding machine having a rotatable grinding wheel (10). During machining of workpieces (12) or dressing the grinding wheel (10), the solid-borne sounds, resulting from the engagement of the rotatable grinding wheel (10) with the workpiece (12) or with the dressing device (14), is detected by means of a solid-borne-sound sensor (30) and is converted into a solid-borne-sound signal in order to control the machining or the dressing and to establish machining stoppages. The machining or the dressing is interrupted when the solid-borne-sound signal exceeds a predeterminable limit value. In machine stoppages or during an interruption in machining or dressing, an unbalance signal, formed by a vibration pickup (22), is compared, in a limit switch (46), to a predeterminable limit value. If the unbalance signal exceeds the predetermined limit value, then further machining or further

dressing is delayed until unbalance of the grinding wheel (10) by means of an unbalance unit (20), controlled by means of a measuring and control circuit (26), is essentially terminated. After a successful completion of the unbalance, the grinding machine is free to carry out further machining or, if appropriate, further dressing.

Reference G) describes a tool having a base body, on which at least one cutter holder is mounted such that it can be adjusted transversely with respect to the axis of the tool. The cutter holder carries a cutter and rests via a pressure piece on a control chamfer, which is provided on a control sleeve which is mounted in the base body such that it can be displaced axially in relation to the pressure force. The tool is defined in that the movement of the cutter holder (35) is controlled by at least one centrifugal force-actuated element (44, 66)

The above-identified application discloses and claims an invention patentable over this prior art.

Entry of the references above set forth into the file of the above application is believed to be in order and is respectfully requested.

Respectfully submitted

By: 

Henry M. Feiereisen
Agent for Applicant
Reg. No. 31,084

Date: September 24, 2003
350 Fifth Avenue, Suite 4714
New York, N.Y. 10118
(212) 244-5500
HMF/WS:af

Form PTO-1449U.S. Department of Commerce
Patent and Trademark Office**INFORMATION DISCLOSURE CITATION****Attorney's Dock. No.****BARAN****Applicant****RALPH BARAN et al.****Appl. No.****Filing Date****Group****Examiner****U.S. PATENT DOCUMENTS**

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date, if appropriate
	4,977,510	12-11-1990	Winzens et al.			
	5,240,358	08-31-1993	Hackett et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation
	DE 100 17 014 A1	10-18-2001	Germany			no
	DE 32 14 233 C2	10-20-1983	Germany			no
	DE 34 08 352 C2	09-19-1985	Germany			no
	DE 42 15 723 A1	11-18-1993	Germany			no
	DE 197 17 835 A1	10-29-1998	Germany			no

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner:**Date considered:**

*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.